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**From:** Nattis, Randy  
**Sent:** Sat 8/8/2015 10:24:08 PM  
**Subject:** Fw: 1545 -- ASPECT Update -- 8 Aug 2015

See below

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**From:** Thomas, Mark J.  
**Sent:** Saturday, August 8, 2015 3:03 PM  
**To:** Cardarelli, John; Curry, Tim; Kudarauskas, Paul; Kroutil, Robert; John.Lucotch@WestonSolutions.com; Myers, Craig; Delgado, Eric; Nattis, Randy; Martin, John  
**Subject:** 1545 -- ASPECT Update -- 8 Aug 2015

ASPECT has completed the afternoon surveys which consisted of a photo documentation run from Ship Rock up to Durango. Weather prevented any further photo collections north.

Preliminary analysis of images collected down stream of Farmington indicate that the plume leading edge is approx estimated to be just past Nenahnezad. This position estimate was confirmed by the crew on the relative color of the water. The water from the Animas is diffused into the San Juan. This observation was made at 1515 local. It is estimated that the plume front is moving at about 2.5 miles per hour within the San Juan river.

The aircraft is scheduled to be back in Santa Fe at 1615. We will pull representative images down stream of Farmington and get those uploaded for reference.

Mark Thomas, PhD

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